



IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Alexander Govyadinov et al

Application No.: 10/066158

Filing Date: Jan 31, 2002

Title: Emitter And Method Of Making

Confirmation No.: 3578

Examiner:

Group Art Unit:

RECEIVED  
SEP 20 2002  
TECHNOLOGY CENTER 2800  
J. Scott  
10/2/02

COMMISSIONER FOR PATENTS

Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97 (c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e), and  
☐ a petition under 37 CFR 1.97(d)(2), and  
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

☒ I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231. Date of Deposit: Sept 16 2002  
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☐ I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number \_\_\_\_\_ on \_\_\_\_\_

Number of pages:

Typed Name: Timothy F. Myers

Signature: Timothy F. Myers

Respectfully submitted,

Alexander Govyadinov et al

By

Timothy F. Myers  
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Date: **Sept 16 2002**

Telephone No.: (541) 715-4197



FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10019410-1

APPLICATION NO.

10/066,158

CONFIRMATION NO.

3575

APPLICANT

Govyadinov et al

FILING DATE

01/31/2002

GROUP

2814

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1A	6,313,043	Nov 6 2001	Hattori	438	745
	1B	6,033,924	Mar 7 2000	Pack et al	438	20
	1C	6,023,124	Feb 8 2000	Chuman et al	313	310
	1D	6,011,356	Jan 4 2000	Janning et al	315	169.4
	1E	5,760,417	Jun 2 1998	Watanabe et al	257	11
	1F	5,559,342	Sep 24 1996	Tsukamoto et al	257	10
	1G	5,557,596	Sep 17 1996	Gibson et al	369	101
	1H	5,528,103	Jun 18 1996	Spindt et al	313	497
	1I	5,507,676	Apr 16 1996	Taylor et al	445	50
	1J	5,374,844	Dec 20 1994	Moyer	257	582
	1K	5,142,184	Aug 25 1992	Kane	313	309

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	1L	WO01/80273A1	25 Oct 2001	Instit Nact'l De Tecno	H01J	7/18		
	1M							
	1N							
	1O							
	1P							

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	2A	4,923,421	May 8 1990	Brodie et al	445	24
	2B					
	2C					
	2D					
	2E					
	2F					
	2G					
	2H					
	2I					
	2J					
	2K					

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							YES	NO
	2L							
	2M							
	2N							
	2O							
	2P							

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	2Q	
	2R	
	2S	

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DATE CONSIDERED